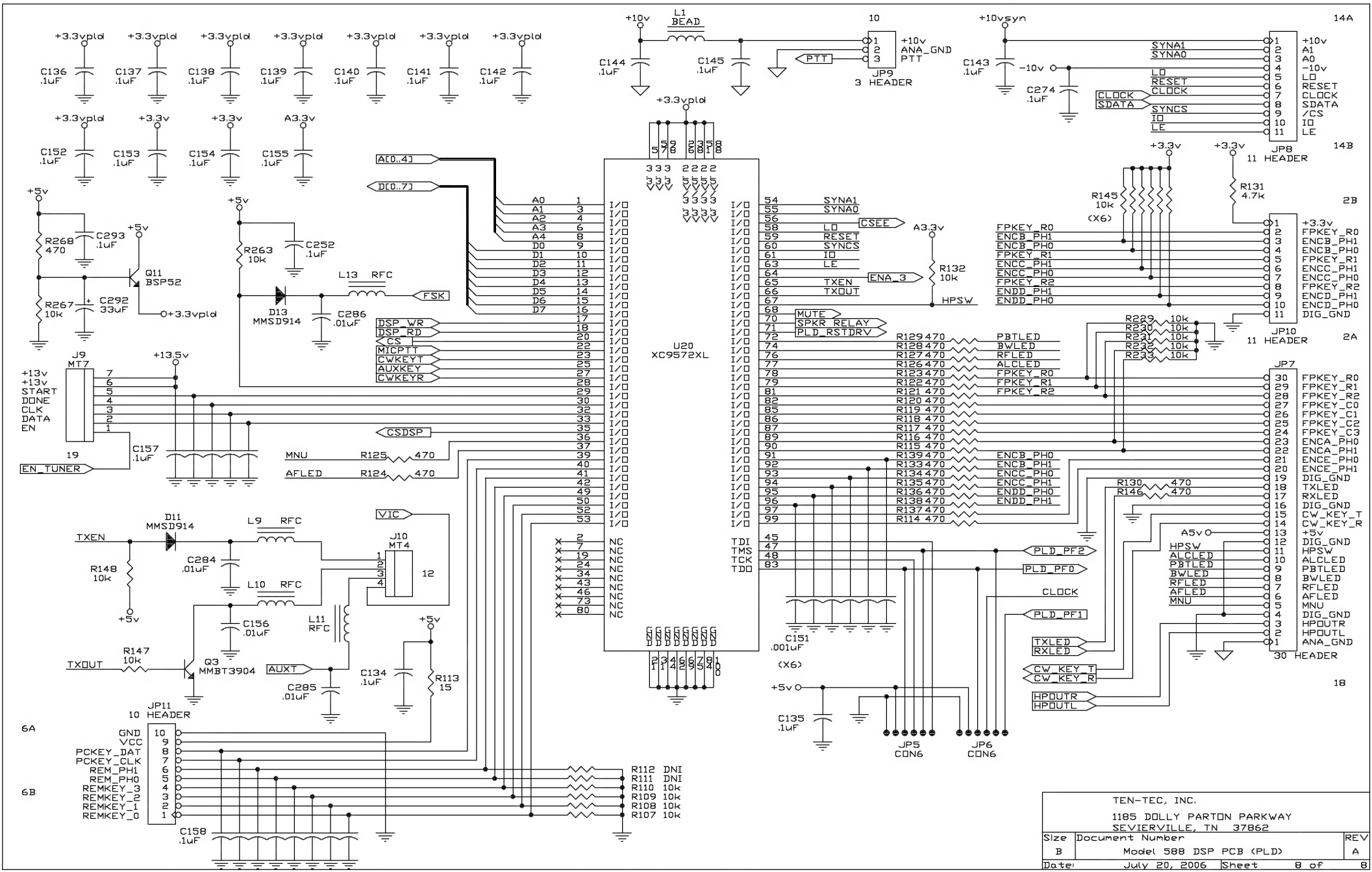

U20
XC9572XL
JP9
3 HEADER
JP8
11 HEADER
JP10
11 HEADER
JP7
30 HEADER
JP11
10 HEADER
J9
MT7
J10
MT4
Q11
BSP52
Q3
MMBT3904
D13
MMSD914
D11
MMSD914
L1
BEAD
L13 RFC
L9 RFC
L10 RFC
L11 RFC
+10v
+10vsyn
+3.3vpld
+3.3v
A3.3v
+5v
+13.5v
A5v
+10v
ANA_GND
PTT
SYNA1
SYNA0
LO
RESET
CLOCK
SDATA
SYNCS
IO
LE
/CS
A0
A1
A2
A3
A4
D0
D1
D2
D3
D4
D5
D6
D7
CSEE
ENA_3
TXEN
TXOUT
HPSW
MUTE
SPKR RELAY
PLD_RSTDRV
DSP_WR
DSP_RD
CS
MICPTT
CWKEYT
AUXKEY
CWKEYR
CSDSP
MNU
AFLED
VIC
AUXT
TDI
TMS
TCK
TDO
NC
PBTLED
BWLED
RFLED
ALCLED
FPKEY_R0
FPKEY_R1
FPKEY_R2
ENCB_PH1
ENCB_PH0
ENCC_PH1
ENCC_PH0
ENCD_PH1
ENCD_PH0
DIG_GND
FPKEY_C0
FPKEY_C1
FPKEY_C2
FPKEY_C3
ENCA_PH0
ENCA_PH1
ENCE_PH0
ENCE_PH1
TXLED
RXLED
CW_KEY_T
CW_KEY_R
HPOUTR
HPOUTL
PLD_PF2
PLD_PF0
PLD_PF1
CLOCK
TXLED
RXLED
CW_KEY_T
CW_KEY_R
HPOUTR
HPOUTL
GND
VCC
PCKEY_DAT
PCKEY_CLK
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REM_PH0
REMKEY_3
REMKEY_2
REMKEY_1
REMKEY_0
R112 DNI
R111 DNI
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R109 10k
R108 10k
R107 10k
R268 470
R267 10k
R263 10k
R148 10k
R147 10k
R145 10k
R131 4.7k
R132 10k
R130 470
R146 470
R125 470
R124 470
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R128 470
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R114 470
R229 10k
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C292 33uF
C252 .1uF
C286 .01uF
JP5
CON6
JP6
CON6
TEN-TEC, INC.
1185 DOLLY PARTON PARKWAY
SEVIERVILLE, TN 37862
Size B
Document Number
Model 588 DSP PCB (PLD)
REV A
Date: July 20, 2006
Sheet 8 of 8